IN THE CLAIMS:

The following listing of claims replaces all prior versions and listings of the claims.

1.-26. (Canceled)

27. (New) A disc brake assembly for a motor vehicle, comprising:

a pair of suspension axles;

an inner brake lining holder and an outer brake lining holder supported by the suspension axles in a manner that permits the inner and outer brake lining holders to move toward and away from each other in a longitudinal direction defined by said suspension axles, said outer brake lining holder at least partially surrounding or overlapping said inner brake lining holder, wherein said inner and outer brake lining holders each have a brake lining mounted thereto and said inner and outer brake lining holders have opposing actuation surfaces, the configuration and arrangement of the inner and outer brake lining holders being such that the brake linings move toward each other as the actuation surfaces of the inner and outer brake lining holders move away from each other; and

an activating mechanism operatively disposed between the inner and outer brake lining holders, said activating mechanism comprising a camshaft with a cam mounted thereto, said cam being disposed between opposing actuation surfaces of the inner and outer brake lining holders such that rotation of the camshaft, and hence said cam, in a first direction causes said cam to force said actuation surfaces away from each other, thereby causing said brake linings to move toward each other.

28. (New) The disc brake assembly of claim 27, wherein said inner and outer brake lining holders each have two actuation surfaces and said activating mechanism comprises two cams, with a cam disposed between each of two opposing sets of actuating surfaces on the inner and outer brake lining holders.

29. (New) The disc brake assembly of claim 27, wherein said camshaft has an activating lever extending therefrom, said activating lever being configured to be acted upon by an actuator rod for actuation of the disc brake assembly.

30. (New) The disc brake assembly of claim 27, wherein said outer disc brake holder has a pair of slide sleeve members by means of which the outer disc brake holder is supported on the suspension axles.

31. (New) The disc brake assembly of claim 30, wherein the actuation surface of the outer disc brake holder is formed on one of the slide sleeve members.

32. (New) The disc brake assembly of claim 30, wherein one of said slide sleeve members has a removable part, removal of said removable part enabling said outer disc brake holder to be pivoted away from one of said suspension axles about the other of said suspension axles.

33. (New) The disc brake assembly of claim 27, wherein said cam is an S-cam.

34. (New) The disc brake assembly of claim 27, wherein said cam is a Z-cam.

35. (New) The disc brake assembly of claim 27, wherein said cam has a wedge-shaped cross-section.

36. (New) The disc brake assembly of claim 27, further comprising bearings disposed between the cam element and the actuation surfaces of the inner and outer brake lining holders.

37. (New) A disc brake assembly for a motor vehicle, comprising:

a pair of suspension axles;

an inner brake lining holder and an outer brake lining holder supported by the suspension axles in a manner that permits the inner and outer brake lining holders to move toward and away from each other in a longitudinal direction defined by said suspension axles, said outer brake lining holder at least partially surrounding or overlapping said inner brake lining holder, wherein said inner and outer brake lining holders each have a brake lining mounted thereto and said inner and outer brake lining holders have opposing actuation surfaces, the configuration and arrangement of the inner and outer brake lining holders being such that the brake linings move toward each other as the actuation surfaces of the inner and outer brake lining holders move away from each other; and

an activating mechanism operatively disposed between the inner and outer brake lining holders, said activating mechanism comprising a camshaft with a cam mounted thereto, said cam being disposed between opposing actuation surfaces of the inner and outer brake lining holders such that rotation of the camshaft, and hence said cam, in a first direction causes said cam to force said actuation surfaces away from each other, thereby causing said brake linings to move toward each other;

wherein said outer disc brake holder has a pair of slide sleeve members by means of which the outer disc brake holder is supported on the suspension axles;

wherein the actuation surface of the outer disc brake holder is formed on one of the slide sleeve members; and

wherein one of said slide sleeve members has a removable part, removal of said removable part enabling said outer disc brake holder to be pivoted away from one of said suspension axles about the other of said suspension axles.